



United States Air Force

**Scientific Advisory Board**

# Dr. Llewellyn "Doc" S. Dougherty

*Raytheon Systems Company*



## **EDUCATION:**

Air Force Institute of Technology  
Ph.D., Digital Systems Engineering, 1978  
Massachusetts Institute of Technology  
M.S., Aeronautics and Astronautics, 1968  
United States Air Force Academy  
B.S., Astronautics and Engineering Sciences, 1967

## **WORK EXPERIENCE:**

Raytheon Corporation  
Director of Technology, Raytheon Electronic Systems, 1999-Present  
Director of Technology, Raytheon Systems Company, 1998-1999  
Director of Technology, Sensors and Communications Systems Segment, 1994-1998  
Director, Advanced Technology Programs, Radar Systems, 1993-1994  
Assistant Division Manager, Reconnaissance Systems Division, Radar Systems, 1992-1993  
Defense Advanced Research Projects Agency (DARPA)  
Technical Assistant to the Director, 1990-1992  
DARPA Program Manager, Deputy Director and Acting Director, Aerospace and Strategic  
Technology Office, 1987-1990  
B2 Program Office  
Deputy Director of Engineering, 1983-1987

## **AREAS OF EXPERTISE:**

Avionics, Digital Computers, Software, Realtime Systems, Systems Engineering, Systems Safety, Solid  
Rockets, Military Aircraft Development, Defense Acquisition, Management Technology, Distributed  
Interactive Simulation, Low Observables, Special Operations, Missile Guidance and Control Systems.

## **PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:**

Member of the IEEE

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